Water Well Analytical Data

Land Owner: Ex. 6 - Personal Privacy
Water Supply Lat/Long: 41.72601 / 75.87738
Water Supply Depth: 205'
Treatment (Y/N): Y

Water Supply Address: Ex. 6 - Personal Privacy DIMOCK, PA 18816
Type of Water Supply: N/A
Age of Water Supply: 3 YEARS

Gas Well Operator: Cabot Oil & Gas Corporation
Gas Well: LEWIS H. 2
Gas Well Permit No: N/A

					Water Quality Indicator Parameters														Biological		Dissolved Gases					Petroleum							
Location	Sample Date	Sampled By	Sample ID [d]	LEL (%)	TKN (mg/L)	TOC (mg/L)	Total Phosphorus (mg/L)	Conductivity (µs/cm)	DO (mg/L)	ORP (mV)	pH (pH units)	Chloride (mg/L)	MBAS (mg/L)	Sulfide (mg/L)	TDS (mg/L)	TSS (mg/L)	Turbidity (ntu)	Fecal Coliform (cfu/ 100 ml)	Total Coliform (cfu/ 100 ml)	Ethane (ug/L)	iso-Butane (ug/L)	Methane (ug/L)	n-Butane (ug/L)	Propane (ug/L)	Benzene (mg/L)	Ethylbenzene (mg/L)	m,p-Xylenes (mg/L)	MTBE (mg/L)	o-Xylene (mg/L)	Oil & Grease (mg/L)	Toluene (mg/L)	TPH (mg/L)
Primary Maximum Contaminant Levels [a]				--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0**	**0**	--	--	--	--	--	**0.005**	**0.7**	--	--	--	--	**1**	--
Secondary Maximum Contaminant Levels [b]				--	--	--	--	--	--	--	**6.5-8.5**	**250**	**0.5**	--	**500**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Recommended Action Levels [c]				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**28,000**	--	--	--	--	--	--	--	--	--	--
KITCHEN SINK	11/09/2008	RP/QUANTUM		<1	-	-	-	-	-	-	7	10	<0.2	<1	73.3	<2	-	<1	<1	-	-	-	-	-	<0.0005	<0.0005	<0.001	0.0005	<0.0005	<5	<0.0005	-
KITCHEN SINK	08/13/2009	RP		<1	-	-	-	-	-	-	8.11	9.8	<0.1	<1	153	<2	-	<1	<1	220	<0.05	4,800	<0.05	0.41	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<5	<0.0005	-
KITCHEN SINK	04/27/2010	BR	Q2407	<1	-	<1	-	250	4.04	118.2	7.53	11.7	<0.04	<1	112	<2	<1	<1	<1	99	<0.05	2,600	<0.05	0.11	-	-	-	-	-	-	-	<0.1
BURDICK CREEK - UPSTREAM	05/08/2010	BRENT BRELJE		-	-	-	-	-	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.001	-	<0.0005	-	<0.0005	-
BURDKICK CREEK - DOWNSTREAM	05/08/2010	BRENT BRELJE		-	<1	-	0.05	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WELL HYDRANT	12/21/2010	RALPH POLICICHIO	Q3995	<1	-	-	-	266	6.28	119.3	7.5	-	-	-	-	-	-	-	-	60	<0.05	1,900	<0.05	0.09	-	-	-	-	-	-	-	-
WELL HYDRANT	01/07/2011	RALPH POLICICHIO	Q5028	<1	-	-	-	263	3.44	127.8	7.64	-	-	-	-	-	-	-	-	63	<0.05	1,900	<0.05	0.11	-	-	-	-	-	-	-	-
OUTSIDE HYDRANT OFF TOP OF WELL	01/20/2011	BETHANY RIEDER	Q5083	<1	-	-	-	189	5.57	147.2	7.31	-	-	-	-	-	-	-	-	55	<0.05	1,600	<0.05	0.083	-	-	-	-	-	-	-	-
OUTSIDE HYDRANT OFF OF WELL	02/03/2011	BETHANY RIEDER	Q5118	<1	-	-	-	196	6.56	102.1	7.95	-	-	-	-	-	-	-	-	66	<0.05	1,800	<0.05	0.1	-	-	-	-	-	-	-	-
SPIGOT	02/17/2011	RALPH POLICICHIO	Q5189	<1	-	-	-	262	8.97	181	7	-	-	-	-	-	-	-	-	62	<0.05	1,900	<0.05	0.12	-	-	-	-	-	-	-	-
OUTSIDE HYDRANT OFF TOP OF WELL	03/03/2011	BETHANY RIEDER	Q5229	<1	-	-	-	196	8.74	170.2	6.59	-	-	-	-	-	-	-	-	77	<0.05	2,200	<0.05	0.1	-	-	-	-	-	-	-	-
OUTSIDE HYDRANT	03/17/2011	BETHANY RIEDER	Q5265	<1	-	-	-	189	5.23	160.1	7.49	-	-	-	-	-	-	-	-	52	<0.05	1,500	<0.05	0.061	-	-	-	-	-	-	-	-
AT HYDRANT	03/31/2011	RALPH POLICICHIO	Q5332	<1	-	-	-	262	9.1	139.4	7.32	-	-	-	-	-	-	-	-	42	<0.05	1,300	<0.05	0.053	-	-	-	-	-	-	-	-
AT WELL HYDRANT	04/12/2011	RALPH POLICICHIO	Q5360	<1	-	-	-	264	9.27	152.3	7.49	-	-	-	-	-	-	-	-	45	<0.05	1,400	<0.05	0.054	-	-	-	-	-	-	-	-
OUTSIDE HYDRANT	04/26/2011	BETHANY RIEDER	Q5418	<1	-	-	-	204	5.17	121.5	7.06	-	-	-	-	-	-	-	-	42	<0.05	1,300	<0.05	0.052	-	-	-	-	-	-	-	-
AFTER TREATMENT SYSTEM IN SYSTEM SHED	05/04/2011	BETHANY RIEDER	Q5447	<1	-	-	-	212	12.31	158.1	7.41	25.5	<0.08	2	152	<2	1	<1	<1	8.8	<0.05	250	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT IN SYSTEM SHED	05/04/2011	BETHANY RIEDER	Q5448	<1	-	-	-	193	11.43	155.2	7.42	8.86	<0.08	3	168	<2	9	<1	<1	25	<0.05	830	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT AT HYDRANT ON TOP OF WELL	05/12/2011	BETHANY RIEDER	Q5475	<1	-	-	-	198	6.77	103.5	7	8.16	<0.04	<1	200	102	503	<1	<1	31	<0.05	1,000	<0.05	0.076	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
AFTER TREATMENT SYSTEM	05/12/2011	BETHANY RIEDER	Q5476	<1	-	-	-	207	12.02	95.1	7.27	9.65	<0.04	<1	152	4.4	5	<1	<1	12	<0.05	320	<0.05	0.027	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT SYSTEM	05/12/2011	BETHANY RIEDER	Q5477	<1	-	-	-	201	12.37	43.4	8.01	9.17	<0.04	<1	180	28	111	<1	<1	22	<0.05	740	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-

Notes:
a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 300f)
b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)
d - Samples with no Sample ID or a Sample ID beginning with a Q are from Quantum Laboratories. Sample ID's beginning with a D are from DEP Bureau of Laboratories.
e - Procedures for collecting water samples are detailed in the SOP (available on request) and summarized in the following: Water is run from sampling point for approximately 10 to 15 minutes to purge any water in the pipes and storage tank. If there is an aerator in the faucet it is removed prior to sampling. The sampler dons gloves and fills the appropriate containers provided by the laboratory for the respective analyses. The sampling point is swabbed inside and out with disinfectant and then purged prior to collection of samples for bacterial analysis. Field measurements are made with instruments that have been properly calibrated and the LEL of the sample headspace is measured for both hot and cold water sources, if available.

Water Well Analytical Data

Land Owner: Ex. 6 - Personal Privacy
Water Supply Lat/Long: 41.72601 / 75.87738
Water Supply Depth: 205'
Treatment (Y/N): Y

Water Supply Address: Ex. 6 - Personal Privacy DIMOCK, PA 18816
Type of Water Supply: N/A
Age of Water Supply: 3 YEARS

Gas Well Operator: Cabot Oil & Gas Corporation
Gas Well: LEWIS H. 2
Gas Well Permit No: N/A

				Total Metals																Volatile Organic Compounds									Other						
Location	Sample Date	Sampled By	Sample ID [d]	Aluminum (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Strontium (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Isopropylbenzene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	Napthalene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	Xylenes, Total (mg/L)	Alkalinity (mg/L)	Bromide (mg/L)	CGI (%)	Ethylene Glycol (mg/L)	Hardness (mg/L)	Nitrate as N (mg/L)	Sulfate (mg/L)
Primary Maximum Contaminant Levels [a]				--	**0.01**	**2**	**0.005**	--	**0.1**	--	**0.015**	--	--	**0.002**	--	**0.05**	--	**0.1**	--	--	--	--	--	--	--	--	--	--	**10**	--	--	--	--	--	**10**	--
Secondary Maximum Contaminant Levels [b]				**0.05-0.2**	--	--	--	--	--	**0.3**	--	--	**0.05**	--	--	--	**0.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**250**
Recommended Action Levels [c]				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KITCHEN SINK	11/09/2008	RP/QUANTUM		0.055	-	0.22	-	-	-	0.39	-	6.5	0.0098	-	-	-	-	-	0.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KITCHEN SINK	08/13/2009	RP		<0.1	-	0.218	-	-	-	0.081	-	6.5	<0.025	-	-	-	-	-	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KITCHEN SINK	04/27/2010	BR	Q2407	<0.1	-	0.238	-	-	-	<0.05	-	6.89	<0.025	-	-	-	-	-	0.779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BURDICK CREEK - UPSTREAM	05/08/2010	BRENT BRELJE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0015	-	-	-	-	-	-	-
BURDKICK CREEK - DOWNSTREAM	05/08/2010	BRENT BRELJE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WELL HYDRANT	12/21/2010	RALPH POLICICHIO	Q3995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WELL HYDRANT	01/07/2011	RALPH POLICICHIO	Q5028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUTSIDE HYDRANT OFF TOP OF WELL	01/20/2011	BETHANY RIEDER	Q5083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
OUTSIDE HYDRANT OFF OF WELL	02/03/2011	BETHANY RIEDER	Q5118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
SPIGOT	02/17/2011	RALPH POLICICHIO	Q5189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
OUTSIDE HYDRANT OFF TOP OF WELL	03/03/2011	BETHANY RIEDER	Q5229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
OUTSIDE HYDRANT	03/17/2011	BETHANY RIEDER	Q5265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
AT HYDRANT	03/31/2011	RALPH POLICICHIO	Q5332	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
AT WELL HYDRANT	04/12/2011	RALPH POLICICHIO	Q5360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
OUTSIDE HYDRANT	04/26/2011	BETHANY RIEDER	Q5418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
AFTER TREATMENT SYSTEM IN SYSTEM SHED	05/04/2011	BETHANY RIEDER	Q5447	0.056	<0.003	0.179	<0.002	28.4	<0.005	<0.05	<0.001	5.61	<0.025	<0.0002	2.18	<0.005	<0.005	17.3	0.572	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	120	<0.1	<1	<10	94	<1	10
BEFORE TREATMENT IN SYSTEM SHED	05/04/2011	BETHANY RIEDER	Q5448	0.171	<0.003	0.213	<0.002	33	<0.005	0.85	0.004	6.63	<0.025	<0.0002	2.12	<0.005	<0.005	9.4	0.741	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	110	<0.1	<1	<10	110	<1	13
BEFORE TREATMENT AT HYDRANT ON TOP OF WELL	05/12/2011	BETHANY RIEDER	Q5475	8.72	0.025	0.392	<0.002	31.2	0.011	18.7	0.014	8.45	0.474	<0.0005	4.08	<0.005	<0.005	12.8	0.727	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	105	<1	<1	<10	113	<1	<50
AFTER TREATMENT SYSTEM	05/12/2011	BETHANY RIEDER	Q5476	0.082	<0.003	0.178	<0.002	29.2	<0.005	0.102	<0.001	5.84	0.035	<0.0002	2.05	<0.005	<0.005	13.2	0.671	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	115	<1	<1	14.2	97	<1	6
BEFORE TREATMENT SYSTEM	05/12/2011	BETHANY RIEDER	Q5477	2.12	0.007	0.248	<0.002	30.9	<0.005	4.34	0.006	6.75	0.113	<0.0002	2.59	<0.005	<0.005	12.2	0.72	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	120	<1	<1	<10	105	<1	<10

Notes:
a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 300f)
b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)
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e - Procedures for collecting water samples are detailed in the SOP (available on request) and summarized in the following: Water is run from sampling point for approximately 10 to 15 minutes to purge any water in the pipes and storage tank. If there is an aerator in the faucet it is removed prior to sampling. The sampler dons gloves and fills the appropriate containers provided by the laboratory for the respective analyses. The sampling point is swabbed inside and out with disinfectant and then purged prior to collection of samples for bacterial analysis. Field measurements are made with instruments that have been properly calibrated and the LEL of the sample headspace is measured for both hot and cold water sources, if available.

Water Well Analytical Data

Land Owner: Ex. 6 - Personal Privacy
Water Supply Lat/Long: 41.72601 / 75.87738
Water Supply Depth: 205'
Treatment (Y/N): Y

Water Supply Address: [redacted] DIMOCK, PA 18816
Type of Water Supply: N/A
Age of Water Supply: 3 YEARS

Gas Well Operator: Cabot Oil & Gas Corporation
Gas Well: LEWIS H. 2
Gas Well Permit No: N/A

					Water Quality Indicator Parameters															Biological		Dissolved Gases					Petroleum						
Location	Sample Date	Sampled By	Sample ID [d]	LEL (%)	TKN (mg/L)	TOC (mg/L)	Total Phosphorus (mg/L)	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	pH (pH units)	Chloride (mg/L)	MBAS (mg/L)	Sulfide (mg/L)	TDS (mg/L)	TSS (mg/L)	Turbidity (ntu)	Fecal Coliform (cfu/ 100 ml)	Total Coliform (cfu/ 100 ml)	Ethane (ug/L)	iso-Butane (ug/L)	Methane (ug/L)	n-Butane (ug/L)	Propane (ug/L)	Benzene (mg/L)	Ethylbenzene (mg/L)	m-p-Xylenes (mg/L)	MTBE (mg/L)	o-Xylene (mg/L)	Oil & Grease (mg/L)	Toluene (mg/L)	TPH (mg/L)
Primary Maximum Contaminant Levels [a]				--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	--	--	--	--	--	0.005	0.7	--	--	--	--	1	--
Secondary Maximum Contaminant Levels [b]				--	--	--	--	--	--	--	6.5-8.5	250	0.5	--	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Recommended Action Levels [c]				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28,000	--	--	--	--	--	--	--	--	--	--
BEFORE TREATMENT SYSTEM, AT HYDRANT ON TOP OF WELL HEAD APPROX. 15' FROM ROADWAY ALONG THE DRIVEWAY	05/17/2011	BETHANY RIEDER	Q5485	<1	-	-	-	196	7.39	167.2	717	17.8	<0.08	<1	168	4.8	6	<1	<1	16	<0.05	620	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT SYSTEM, IN SYSTEM SHED AT BACK PRESSURE TANK	05/17/2011	BETHANY RIEDER	Q5486	<1	-	-	-	196	9.68	175.1	7.13	16.8	<0.08	<1	188	<2	7	<1	<1	26	<0.05	850	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
AFTER TREATMENT SYSTEM- SPIGOT ALONG THE LEFT HAND WALL WHEN LOOKING IN SHED FROM DOORWAY	05/17/2011	BETHANY RIEDER	Q5487	<1	-	-	-	211	11.33	149.2	7.56	19	<0.08	<1	192	<2	<1	<1	<1	5.3	<0.05	150	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT SYSTEM IN SHED	06/02/2011	BETHANY RIEDER	Q5530	<1	-	-	-	200	12.96	162.1	6.6	8.75	<0.08	<1	156	5.2	6	<1	<1	10	<0.05	390	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
AFTER TREATMENT SYSTEM IN SHED	06/02/2011	BETHANY RIEDER	Q5531	<1	-	-	-	199	12.25	159.9	6.84	8.79	<0.08	<1	132	<2	3	<1	<1	8.6	<0.05	270	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
AFTER TREATMENT SYSTEM	06/07/2011	BETHANY RIEDER	Q5539	<1	-	-	-	214	13.07	144.9	7.75	9.91	<0.08	<1	172	<2	1	<1	<1	7.2	<0.05	220	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT AT HYDRANT ON TOP OF WELL	06/07/2011	BETHANY RIEDER	Q5540	<1	-	-	-	197	5.18	153.9	7.35	9.91	<0.08	<1	144	2.8	3	<1	<1	-	-	-	-	-	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT SYSTEM AT HYDRANT	06/07/2011	BETHANY RIEDER	Q5536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	<0.05	690	<0.05	<0.05	-	-	-	-	-	-	-	-
AFTER TREATMENT SYSTEM	06/10/2011	BETHANY RIEDER	Q5550	<1	-	-	-	247	15.14	65.8	8.07	7.14	<0.08	<1	140	20	31	<1	<1	1.2	<0.05	35	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-
BEFORE TREATMENT SYSTEM AT HYDRANT [f]	06/10/2011	BETHANY RIEDER	Q5551	<1	-	-	-	198	26.97	125.9	6.52	7.03	<0.08	<25	156	1,350	2,583	<1	<1	47	<0.05	1,600	<0.05	<0.05	<0.0005	<0.0005	-	-	-	<5	<0.0005	-

Notes:
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d - Samples with no Sample ID or a Sample ID beginning with a Q are from Quantum Laboratories. Sample ID's beginning with a D are from DEP Bureau of Laboratories.
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f - The sample was taken after approx. 275- 350 gallons had been drawn from the well. When collecting the before sample, after the purging and refilling of the system, the water was very turbid and brown. The system was purged in a manner as requested by the resident.

Water Well Analytical Data

Land Owner: Ex. 6 - Personal Privacy
Water Supply Lat/Long: 41.72617 75.87738
Water Supply Depth: 205'
Treatment (Y/N): Y

Water Supply Address: Ex. 6 - Personal Privacy DIMOCK, PA 18816
Type of Water Supply: N/A
Age of Water Supply: 3 YEARS

Gas Well Operator: Cabot Oil & Gas Corporation
Gas Well: LEWIS H. 2
Gas Well Permit No: N/A

				Total Metals																Volatile Organic Compounds										Other						
Location	Sample Date	Sampled By	Sample ID [d]	Aluminum (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Strontium (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Isopropylbenzene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	Naphthalene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	Xylenes, Total (mg/L)	Alkalinity (mg/L)	Bromide (mg/L)	CGI (%)	Ethylene Glycol (mg/L)	Hardness (mg/L)	Nitrate as N (mg/L)	Sulfate (mg/L)
Primary Maximum Contaminant Levels [a]				--	**0.01**	**2**	**0.005**	--	**0.1**	--	**0.015**	--	--	**0.002**	--	**0.05**	--	--	--	--	--	--	--	--	--	--	--	--	**10**	--	--	--	--	--	**10**	--
Secondary Maximum Contaminant Levels [b]				**0.05-0.2**	--	--	--	--	--	**0.3**	--	--	**0.05**	--	--	--	**0.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**250**
Recommended Action Levels [c]				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BEFORE TREATMENT SYSTEM, AT HYDRANT ON TOP OF WELL HEAD APPROX. 15' FROM ROADWAY ALONG THE DRIVEWAY	05/17/2011	BETHANY RIEDER	Q5485	0.194	<0.003	0.222	<0.002	33.5	<0.005	0.376	<0.001	6.73	<0.025	<0.0002	2.07	<0.005	<0.005	12.3	0.749	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	120	-	<1	<10	111	<1	11
BEFORE TREATMENT SYSTEM, IN SYSTEM SHED AT BACK PRESSURE TANK	05/17/2011	BETHANY RIEDER	Q5486	0.216	<0.003	0.225	<0.002	34.1	<0.005	0.426	0.005	6.86	<0.025	<0.0002	2.11	<0.005	<0.005	12.4	0.758	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	140	-	<1	<10	113	<1	11
AFTER TREATMENT SYSTEM- SPIGOT ALONG THE LEFT HAND WALL WHEN LOOKING IN SHED FROM DOORWAY	05/17/2011	BETHANY RIEDER	Q5487	0.062	<0.003	0.217	<0.002	33.4	<0.005	0.054	<0.001	6.65	0.045	<0.0002	2.04	<0.005	<0.005	12.6	0.735	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	120	-	<1	<10	111	<1	10
BEFORE TREATMENT SYSTEM IN SHED	06/02/2011	BETHANY RIEDER	Q5530	0.125	<0.002	0.193	<0.002	30.7	<0.005	0.218	0.002	6.32	<0.025	<0.0002	2.5	<0.002	<0.005	14.1	0.697	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	120	-	<1	<10	103	<1	10
AFTER TREATMENT SYSTEM IN SHED	06/02/2011	BETHANY RIEDER	Q5531	0.083	<0.002	0.182	<0.002	28.6	<0.005	0.181	<0.001	5.86	<0.025	<0.0002	1.8	<0.005	<0.005	10.7	0.652	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	120	-	<1	<10	96	<1	10
AFTER TREATMENT SYSTEM	06/07/2011	BETHANY RIEDER	Q5539	0.087	<0.003	0.216	<0.002	34.1	<0.005	0.106	<0.001	6.85	<0.025	<0.0002	2.11	<0.005	<0.005	12.2	0.779	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	75	<1	<1	<10	113	<1	10
BEFORE TREATMENT AT HYDRANT ON TOP OF WELL	06/07/2011	BETHANY RIEDER	Q5540	0.151	<0.003	0.21	<0.002	33.4	<0.005	0.224	<0.001	6.83	<0.025	<0.0002	2.1	<0.005	<0.005	11.8	0.775	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	115	<1	<1	<10	112	<1	9
BEFORE TREATMENT SYSTEM AT HYDRANT	06/07/2011	BETHANY RIEDER	Q5536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFTER TREATMENT SYSTEM	06/10/2011	BETHANY RIEDER	Q5550	1.08	0.003	0.229	<0.002	34.2	<0.005	0.891	0.001	7.05	<0.025	<0.0002	2.47	<0.005	<0.005	12.3	0.793	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	115	-	<1	<10	114	<1	12
BEFORE TREATMENT SYSTEM AT HYDRANT [f]	06/10/2011	BETHANY RIEDER	Q5551	44.1	0.017	0.989	<0.002	36	0.045	78.2	0.037	17.7	1.92	<0.0002	9.34	<0.005	<0.005	13.7	0.863	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	125	-	<1	<10	163	<1	<500

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